

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

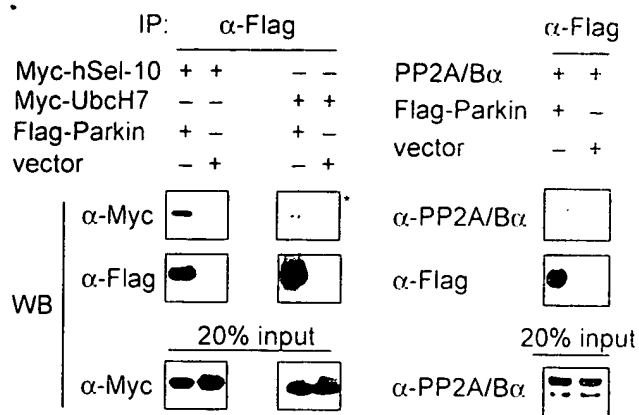
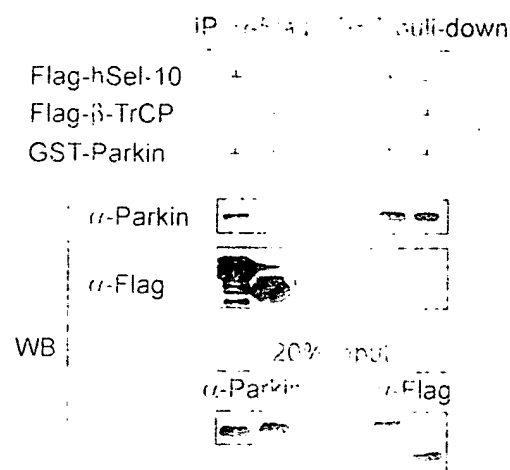
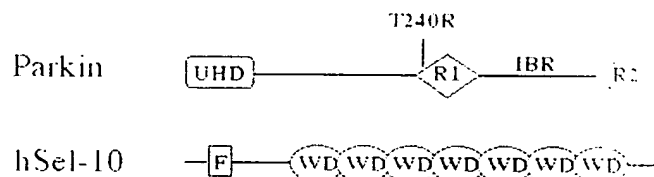
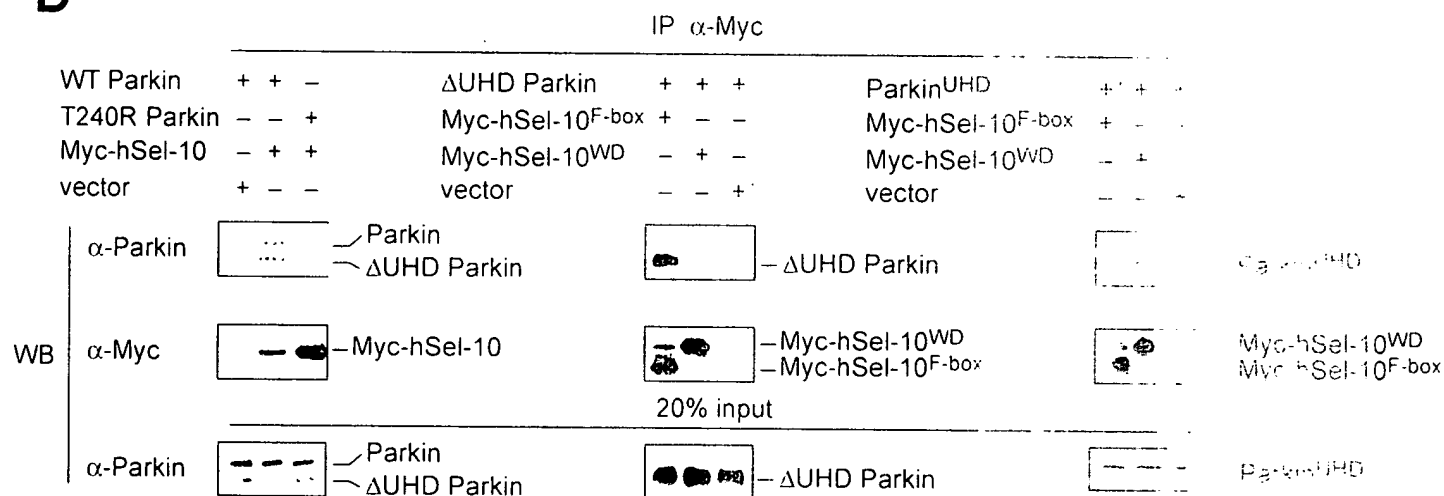
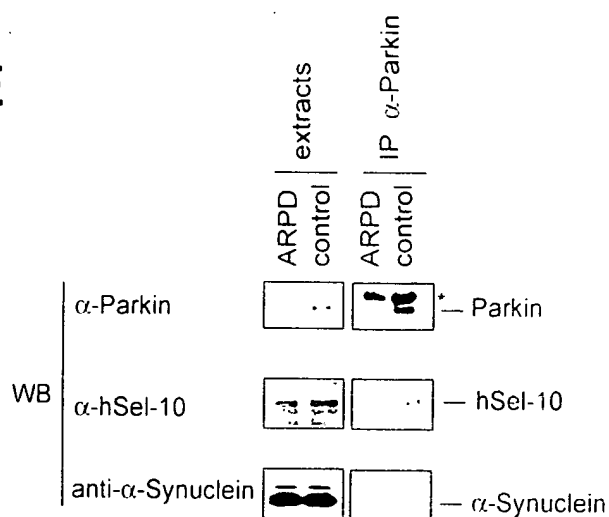
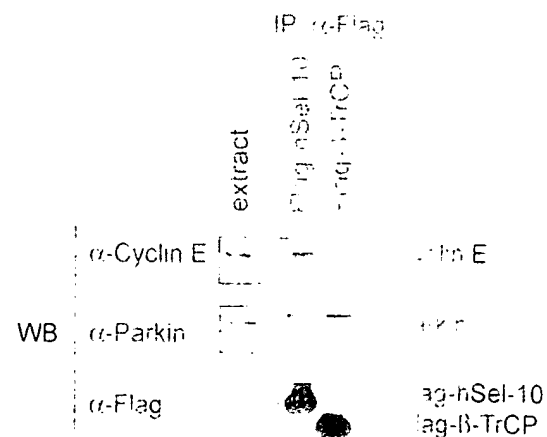
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

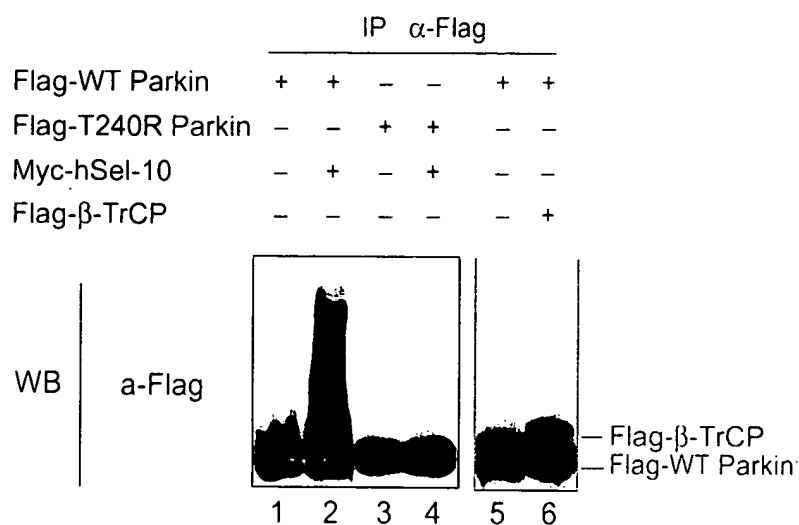
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

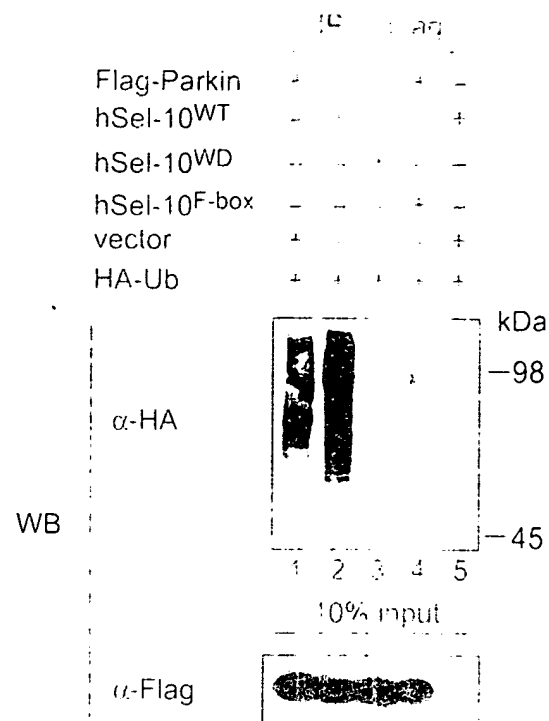
**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

A**B****C****D****E****F****Fig. 1/13**

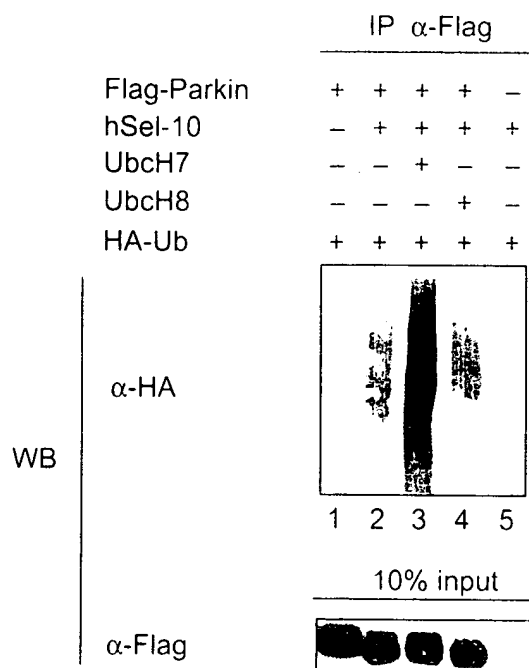
A



B



C



D

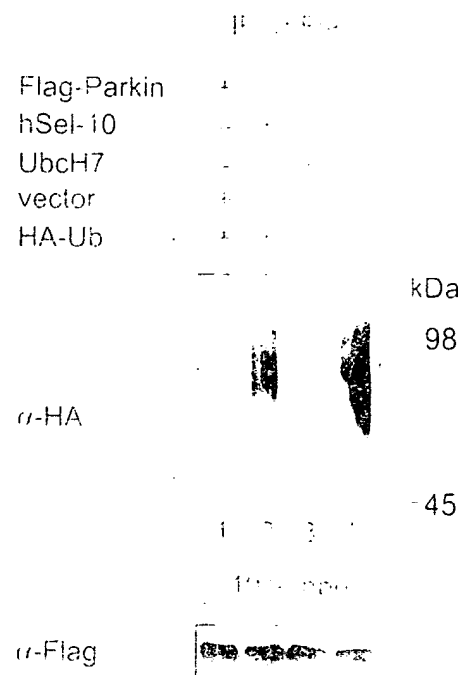


Fig. 2/13

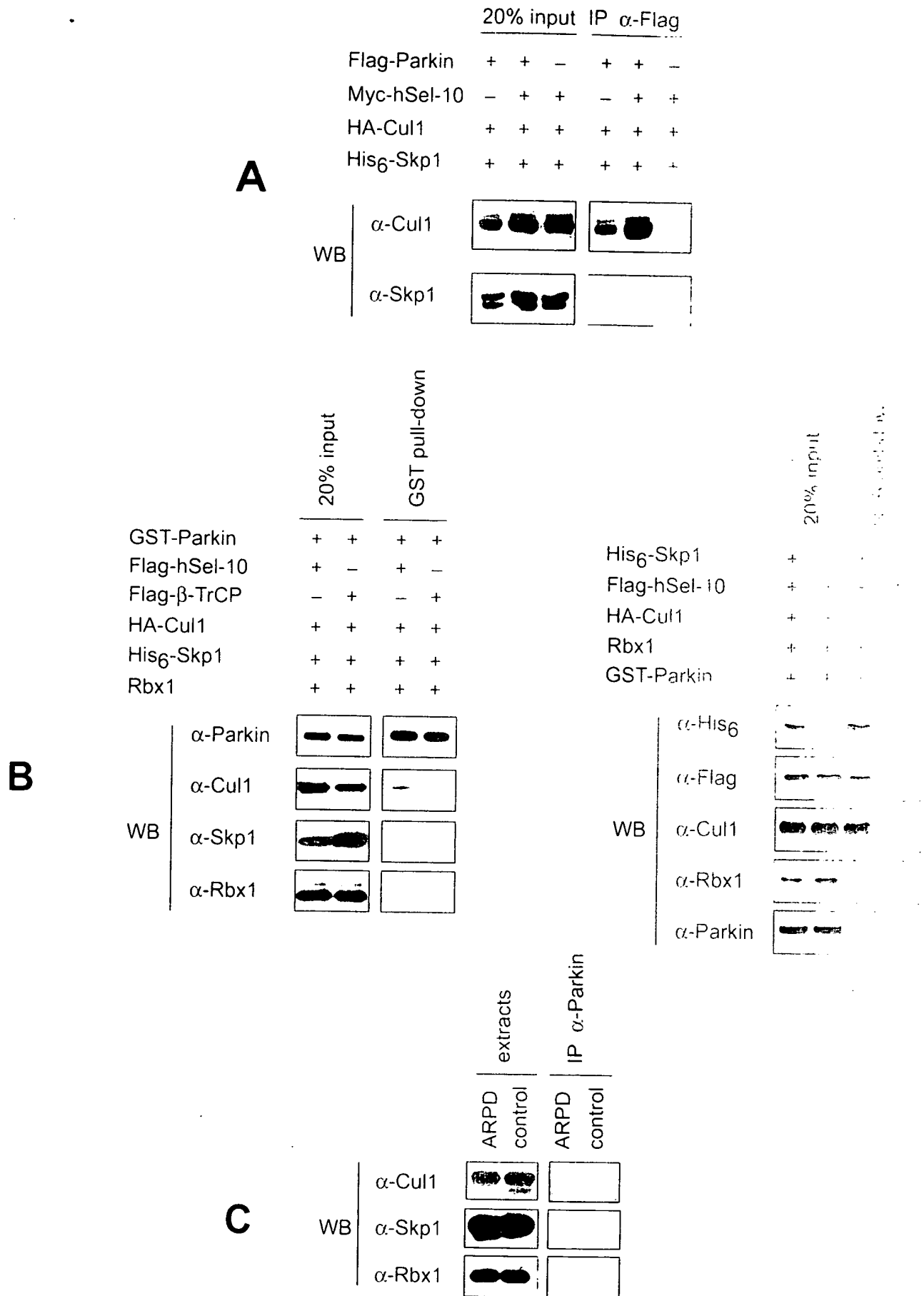
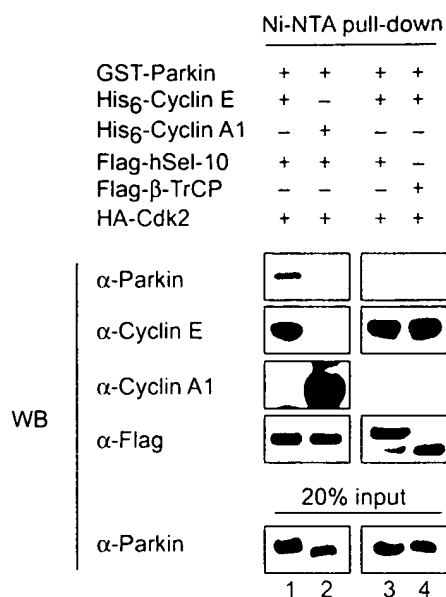
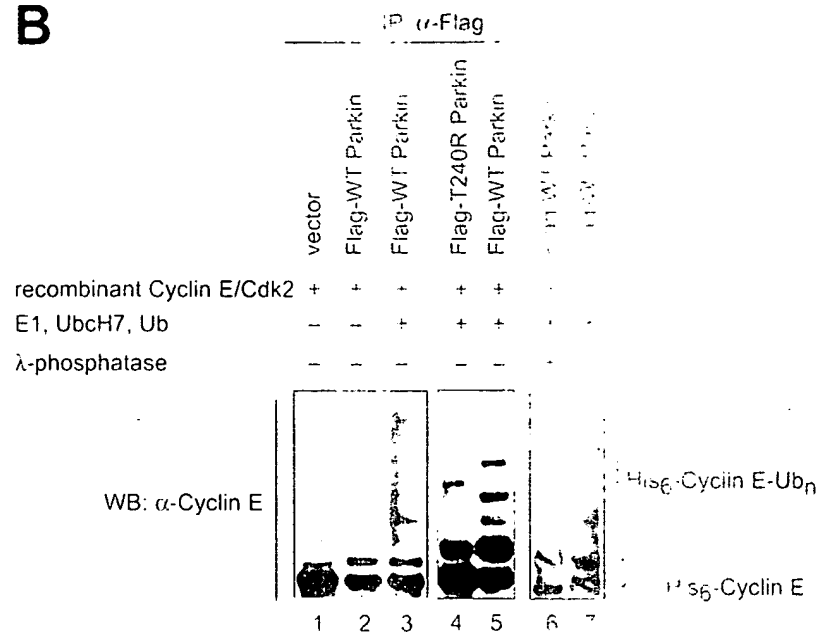


Fig. 3/13

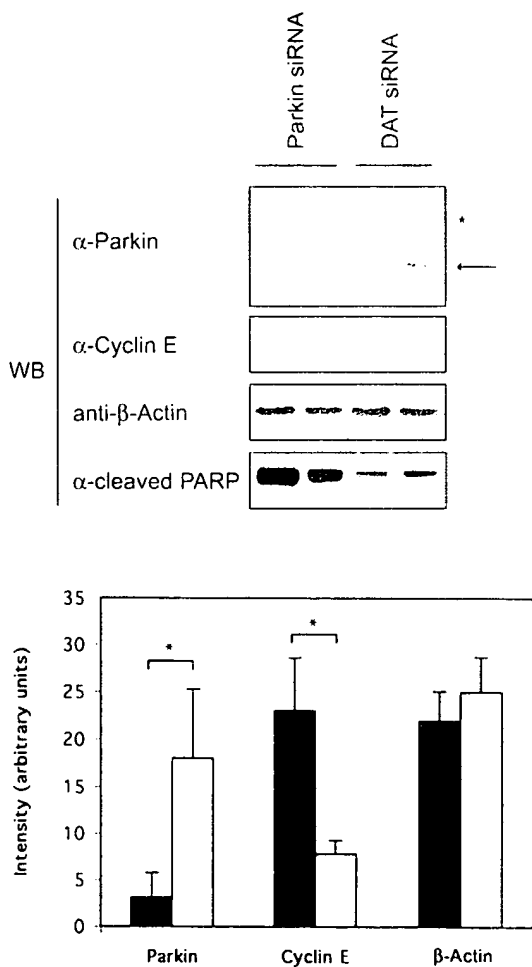
A



B



C



D

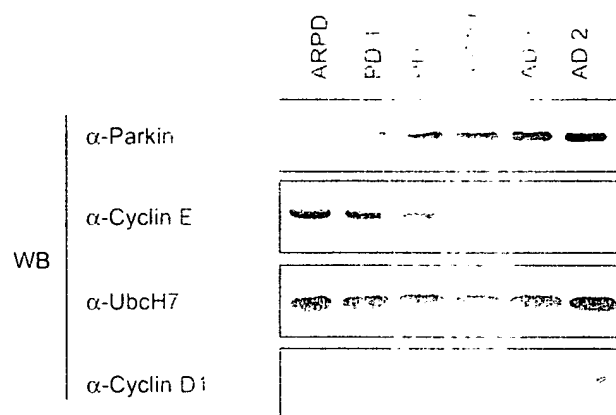


Fig. 4/13

A

Parkin	-	-	-	+
vector	+	+	-	-
500 μ M kainate	-	+	-	+

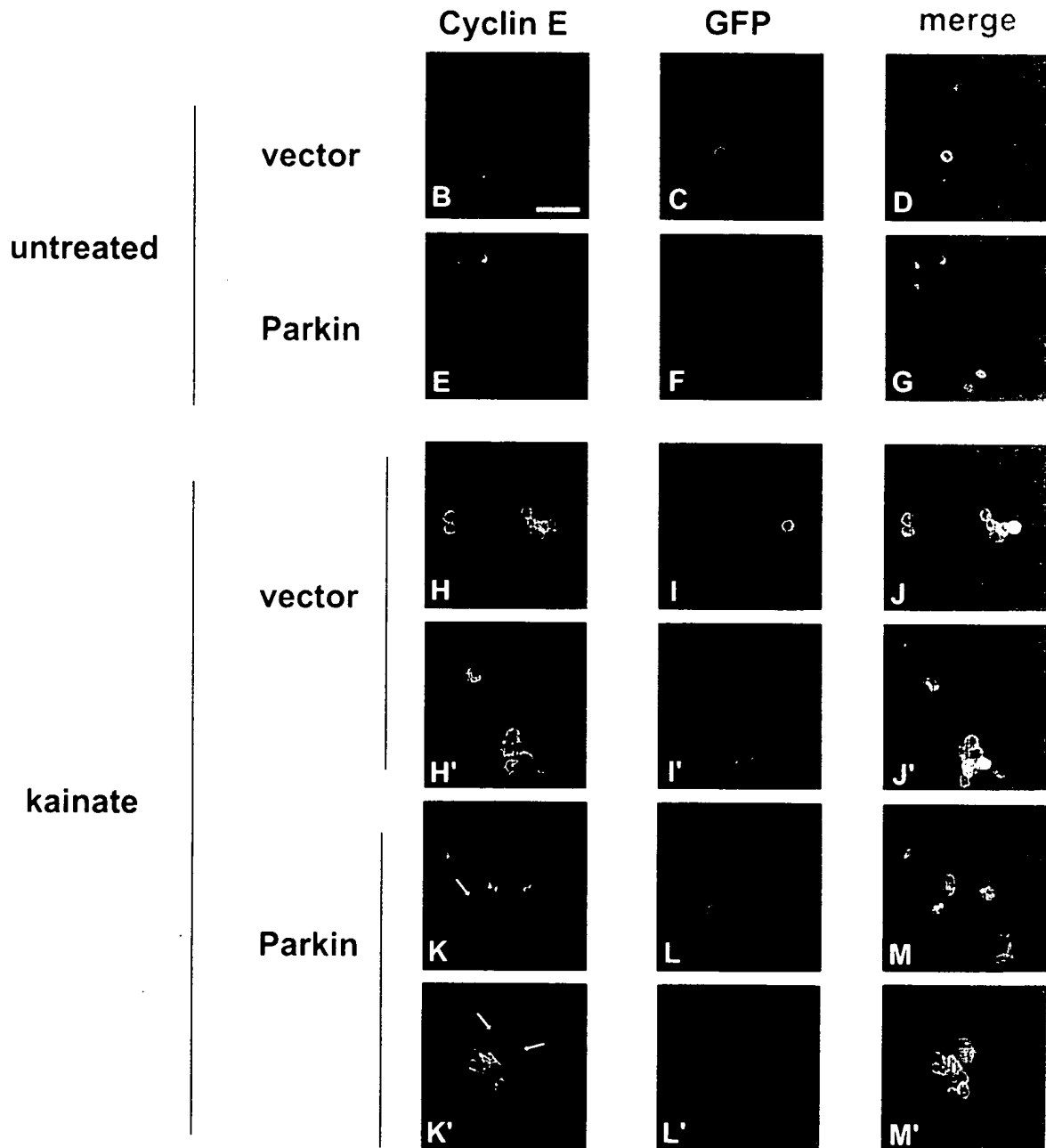
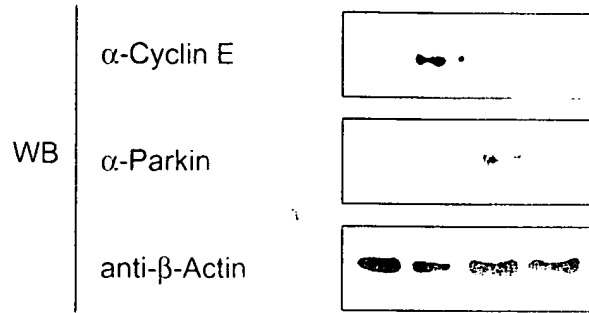
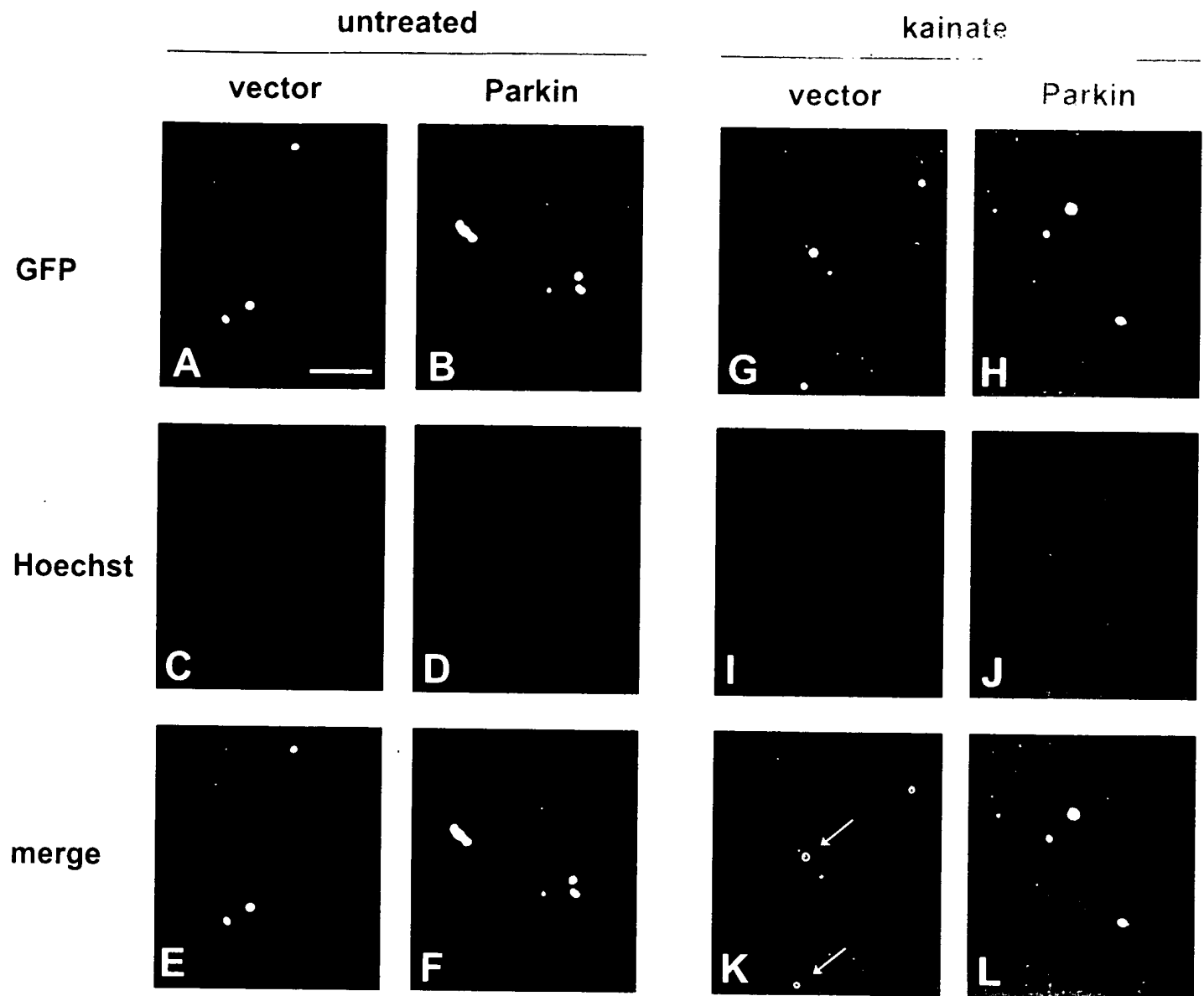


Fig. 5/13

A-L .



M

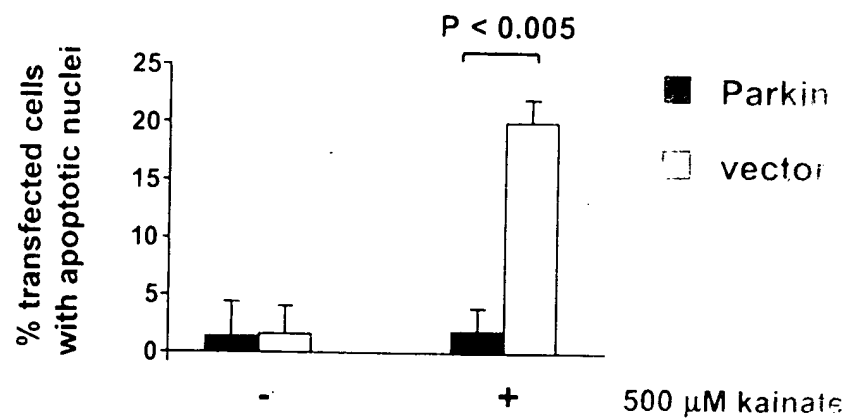
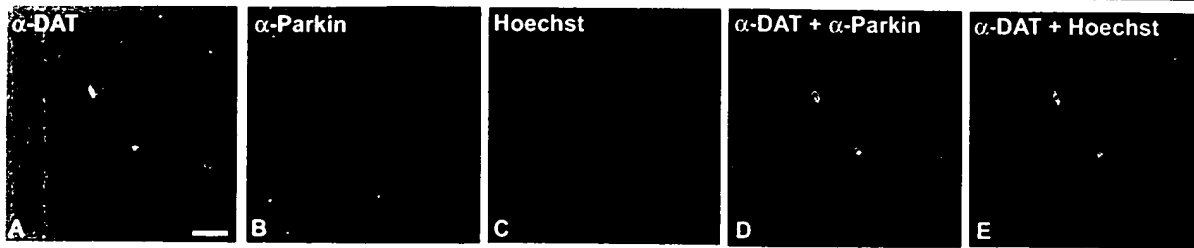
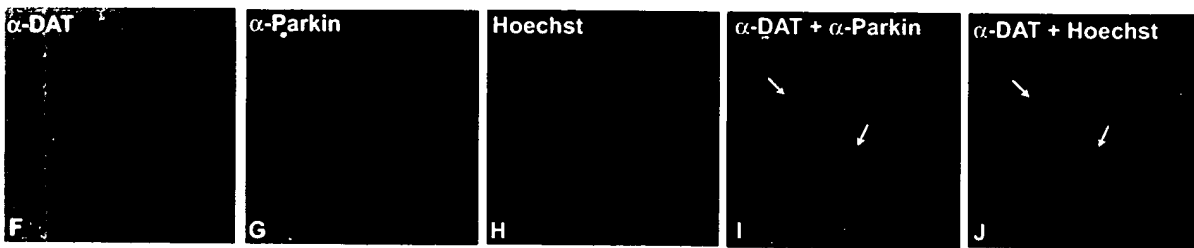


Fig. 6/13

SERT siRNA



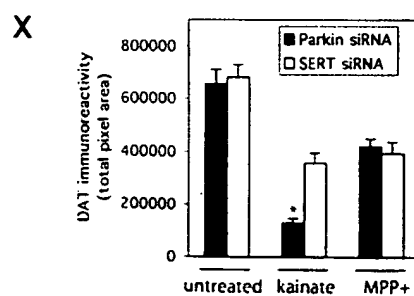
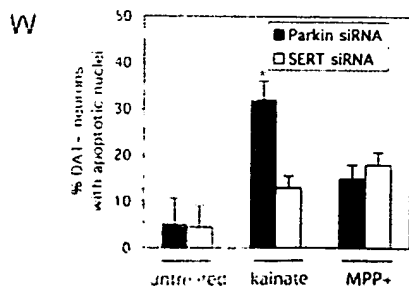
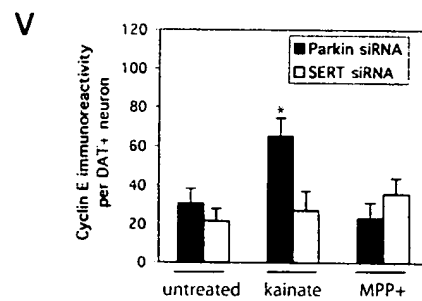
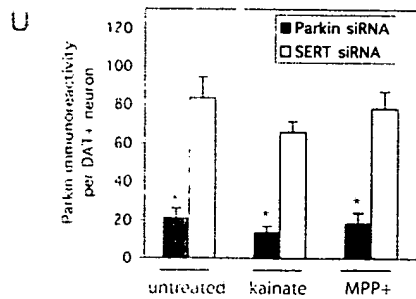
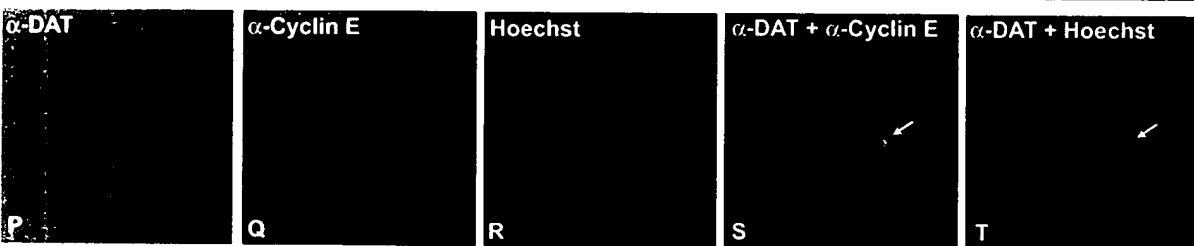
Parkin siRNA



SERT siRNA



Parkin siRNA



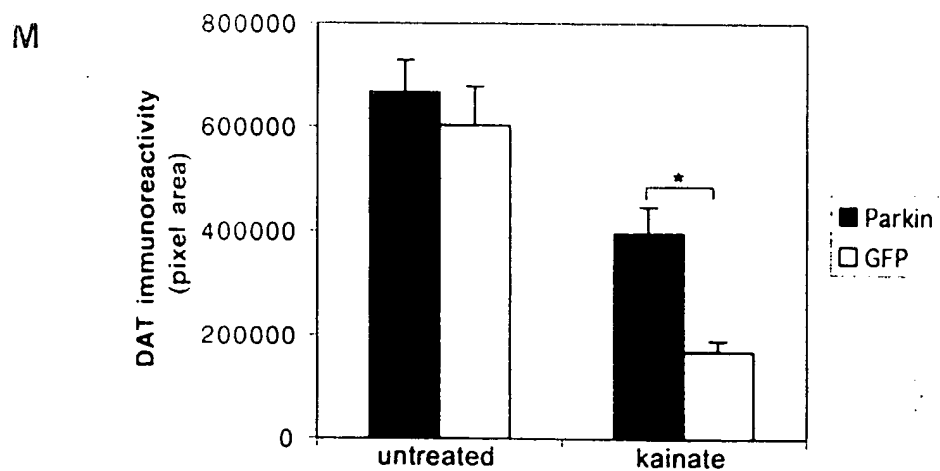
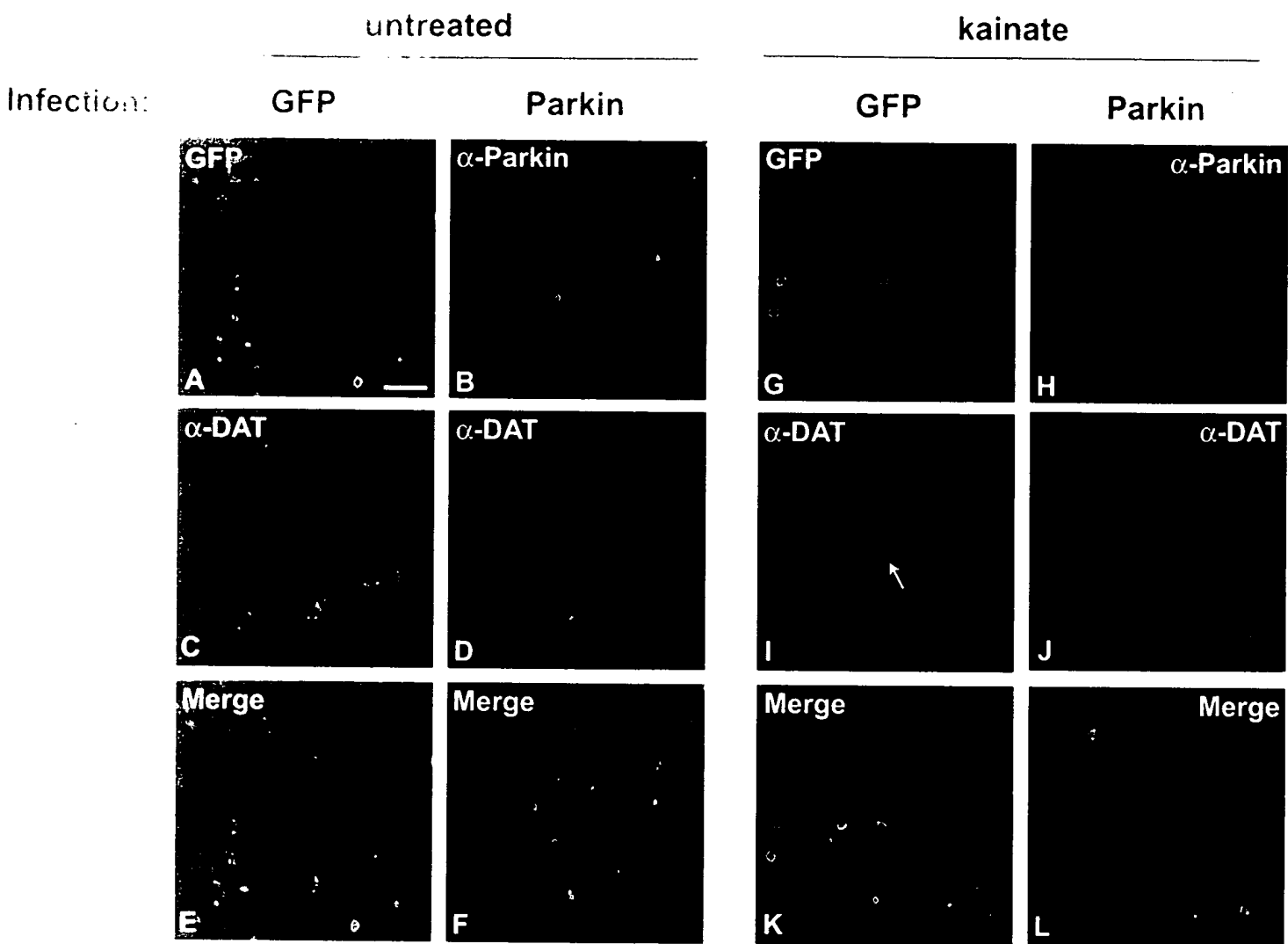
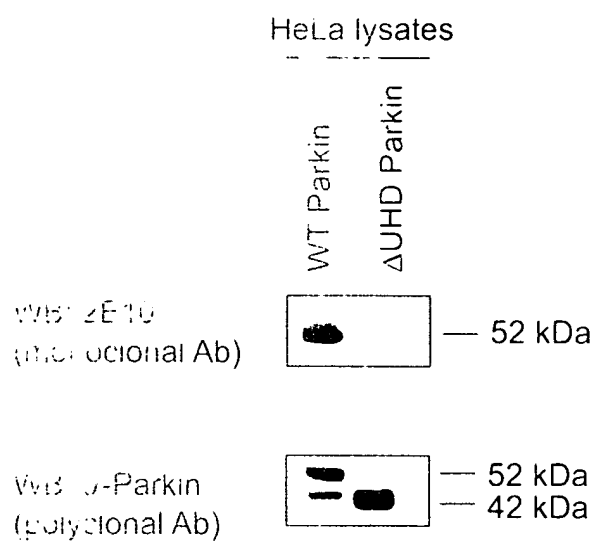
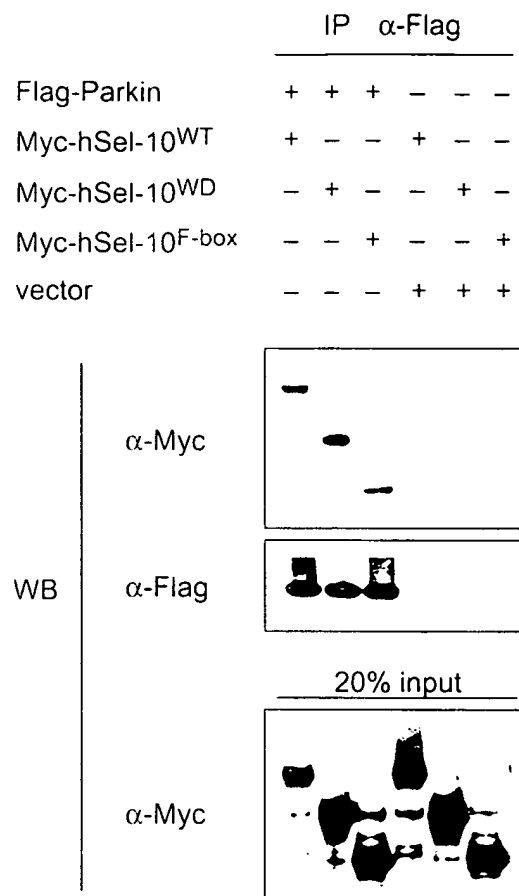


Fig. 8/13

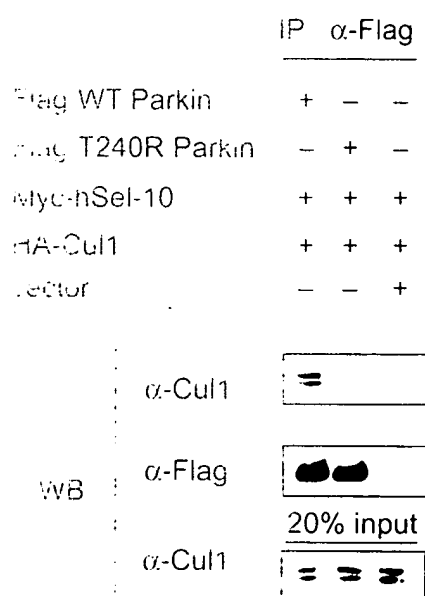
A



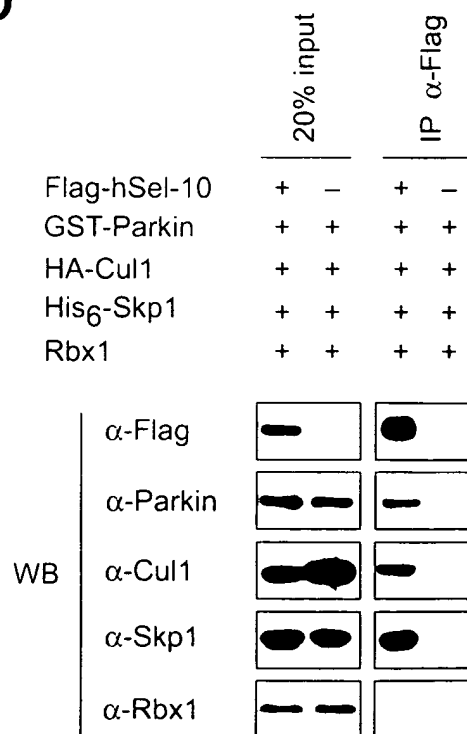
B



C



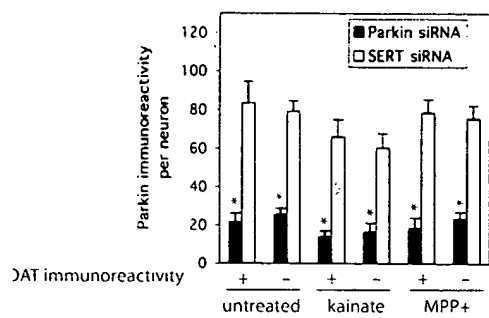
D



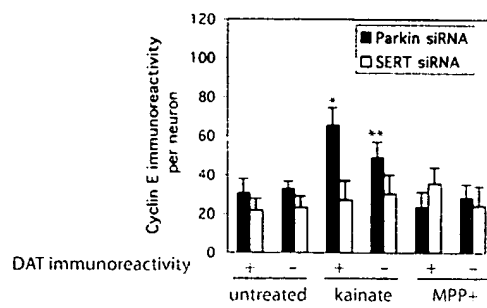
A

	untreated		kainate		cortical extracts	
Parkin	-	+	-	+	ARP1	ARP1
vector	+	-	+	-	ARP1	ARP1
Cyclin E mRNA	0.67	0.72	0.80	0.83	0.56	0.51
β -Actin mRNA						

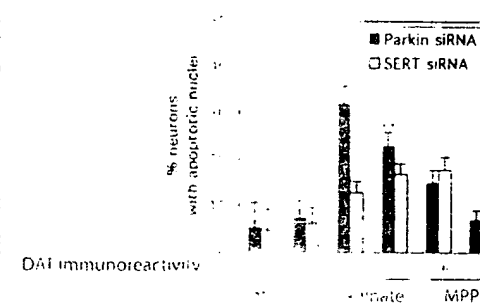
B



C



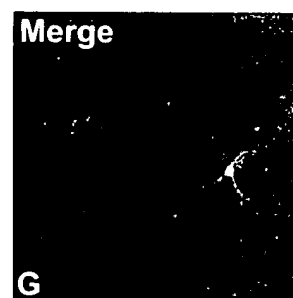
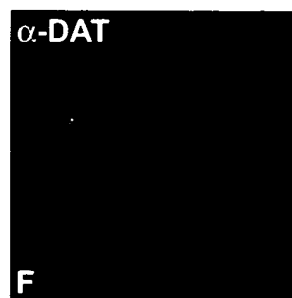
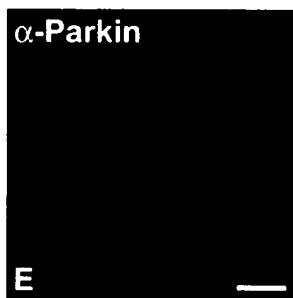
D



E-J

Infection

Parkin



GFP

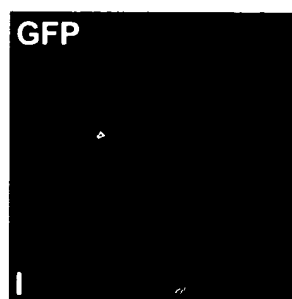
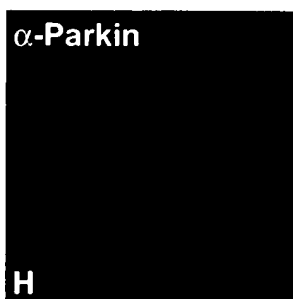
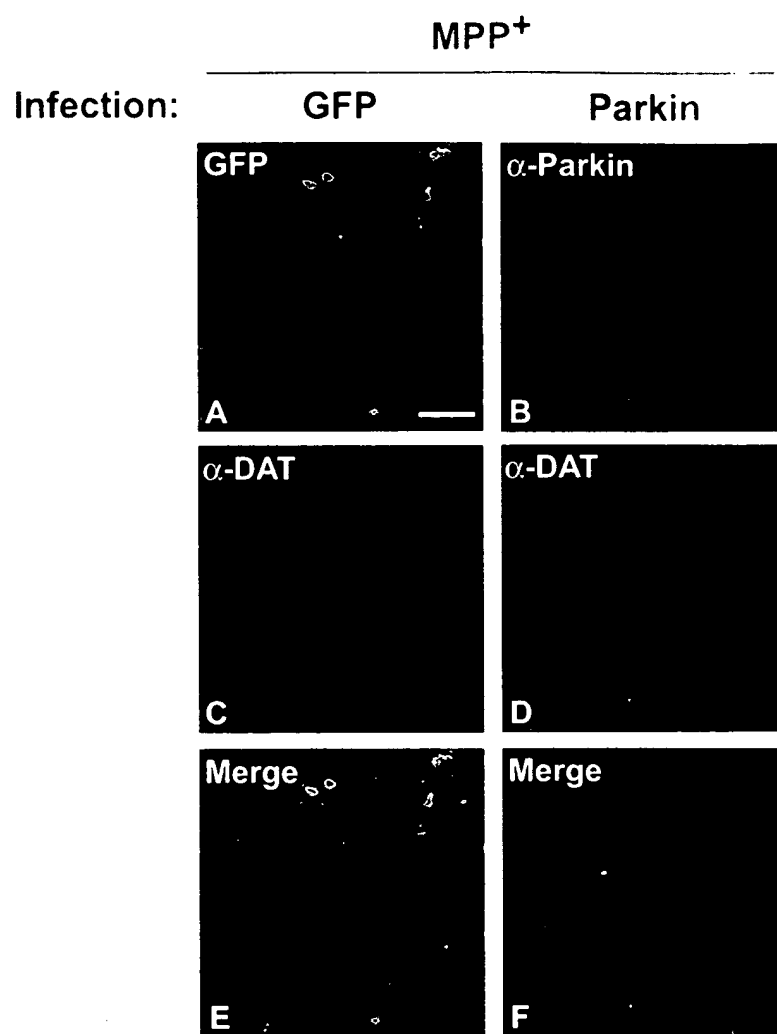


Fig. 10/13

A-F



G

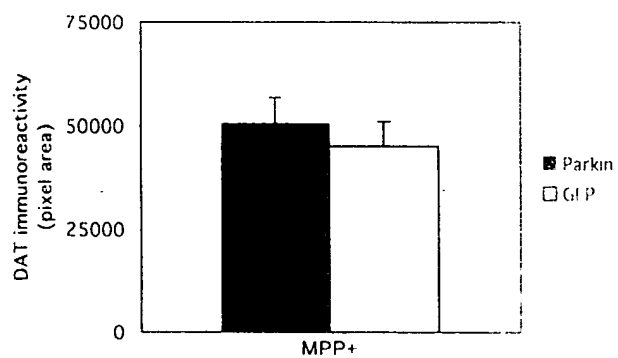
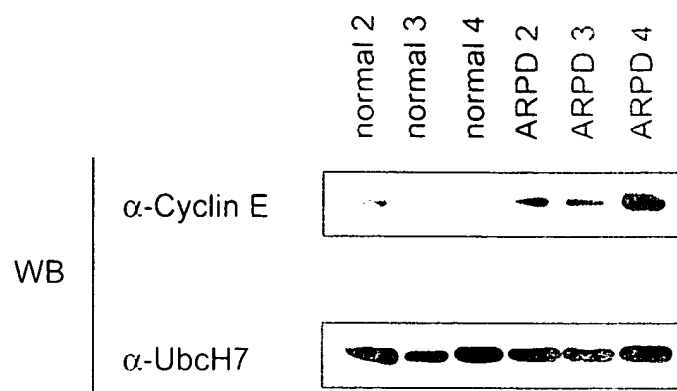
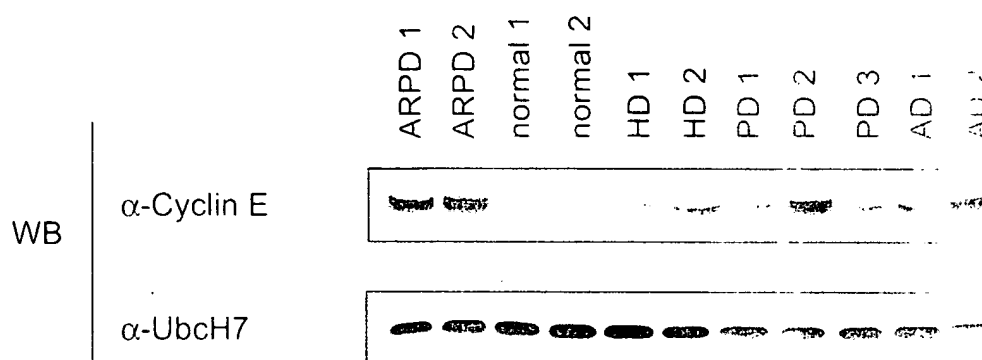


Fig. 11/13

A



B



C

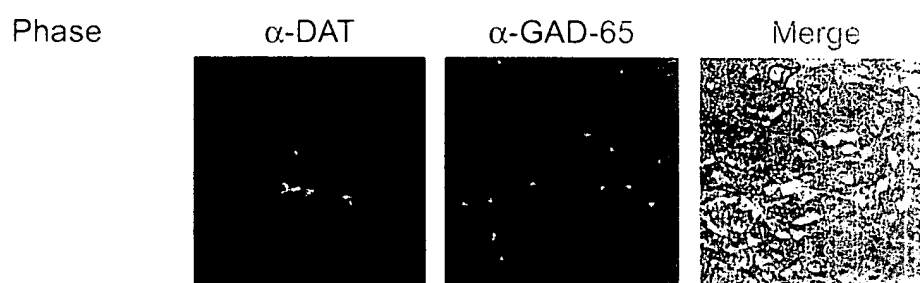


Fig. 12/13

MIVFVRFNSSHGFPVEVDSDTSI FQLKEVVAKRQGV PADQLRVI FAGKELRNDWTVQ
NCDLDQQSIVHIVQRPWRKGQEMNATGGDDPRNAAGGCERE PQSLTRVDLSSSVLPG
DSVGLAVILHTDSRKDSPPAGSPAGRSIYNSFYVYCKGPCQ RVQPGKLRVQCSTCRQ
ATLTLTQGPSCWDDVLI PNMSGECQSPHCPGTSAEFFFKCGAHPTSDKETPVALHL
IATNSRNITCITCTDVRSPVLVFQCNSRHVICLD CFHLYCVTRLNDRQFVHDPQLGY
SLPCVAGCPNSLIKELHHFRILGEEQYNRYQQYGAEECVLQMGGVLCPRPGCGAGLL
PEPDQRKVTCEGGNGLGCGFAFCRECKEAYHEGECSAVFEASGTTTQAYRVDERAAE
QARWEAASKETIKKTTKPCPRCHVPVEKNGGCMHMKCPQPQCRLEWCWNCGCEWNRV
CMGDHWFDV

Fig. 13/13